

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 1

Application No.	10/782,149
Filing Date	February 19, 2004
First Named Inventor	Ghassan S. Kassab
Art Unit	3736
Examiner	Brian Szmaj
Attorney Docket No.	ELECAT.003A

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
KDR	1	4,587,975	05-13-1986	Salo et al.	
↓	2	5,125,410	06-30-1992	Misono et al.	
	3	5,233,994	08-10-1993	Shmulewitz	
	4	6,354,999	03-12-2002	Dgany et al.	
	5	2002/0062149	05-23-2002	Jang	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

## NON PATENT LITERATURE DOCUMENTS

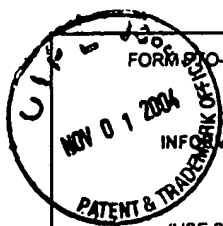
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	6	PCT/US04/04828, PCT Search Report dated 07-06-2005	

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Examiner Signature	/Kristin Rogers/ (01/16/2007)	Date Considered
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
KASSAB.003AAPPLICATION NO.  
10/782,149INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Kassab, et al.FILING DATE  
February 19, 2004GROUP  
3731

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER  
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

KDR	1	Hoekstein and Inbar, "Cardiac Stroke Volume Estimation from Two Electrodes Electrical Impedance Measurements", Technion Department of Electrical Engineering Publication EE PUB No. 911, Feb. 1994.

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EXAMINER

/Kristin Rogers/ (01/16/2007)

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. KASSAB.003A	APPLICATION NO. 10782,149
	APPLICANT Kassab, et al.	
	FILING DATE February 19, 2004	GROUP 3731

## U.S. PATENT DOCUMENTS

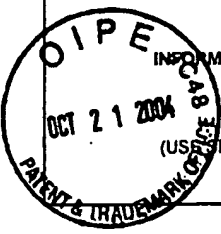
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
KDR	1	4,840,182	06/20/89	Carlson			
	2	5,058,583	10/22/91	Geddes, et al.			
	3	5,971,933	10/26/99	Schlueter, et al.			
	4	6,112,115	08/29/00	Feldman, et al.			
	5	6,165,977	12/26/00	Mochly-Rosen			
	6	6,187,744	02/13/01	Rooney			
	7	6,191,136	02/20/01	Marban			
	8	6,325,762	12/04/01	Tjin			
	9	6,360,123	03/19/02	Kimchi, et al.			
	10	6,398,738	06/04/02	Millar			
	11	6,406,422	06/18/02	Landesberg			
	12	6,494,832	12/17/02	Feldman, et al.			
	13	6,511,413	01/28/03	Landesberg			
	14	6,545,678	04/08/03	Ohazama			
	15	6,569,862	05/27/03	Marban			
	16	2004/0116816 A1	06/17/04	Tenerz, et al			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
KDR	17	WO 98/35611 A1	08/20/98	PCT				
KDR	18	WO 02/085442 A1	10/31/02	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
KDR	19	L. Kornet, J.R.C. Jansen, E.J. Gussenhoven, M.R. Hardeman, , A.P.G. Hoeks, and A. Versprille, "Conductance Method for the Mesurement of Cross-Sectional Areas of the Aorta", Annals of Biomedical Engineering, Vol. 27, pp. 141-150, 1999.						
KDR	20	Douglas A. Hettrick, Joseph Battocletti, James Ackmann, and David C. Wartier, "Finite Element Model Determination of Correction Factors Used for Measuremnt of Aorta Diameter via Conductance", Annals of Biomedical Engineering, Vol. 27, pp. 151-159, 1999.						

EXAMINER	/Kristin Rogers/ (01/16/2007)	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.		

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. KASSAB.003A	APPLICATION NO. 10/782,149
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
KDR	21 Douglas A. Hettrick, Joseph Battocletti, James Ackmann, John Linehan, and David C. Wartier, <i>"In Vivo Measurement of Real-Time Aortic Segmental Volume Using the Conductance Catheter"</i> , Annals of Biomedical Engineering, Vol. 26, pp. 431-440, 1998.		

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